

Fig. 1

BEGIN

RECEIVE REQUEST FOR SYMBOL CONFIGURATION
DATA INCLUDING CLIENT IDENTIFIER AND ADDRESS SPACE IDENTIFIER 310

ISSUE REQUEST INTO HW PROCESS.
OVER A FIRST PATH, TO BE
SERVICED BY THE SW PROCESS
CONTROL PATH - HW KERNEL,
BIM IN LOGIC SIM, IPL, CO-SIM
MANAGER IN SW KERNEL, ISS,
DEBUGGER, SYMBOL TABLE 320

RECEIVE SYMBOL CONFIGURATION
DATA OVER FIRST PATH
CONFIGURATION DATA - ADDRESS,
TYPE, SIZE, ETC. 330

RETURN SYMBOL CONFIGURATION
DATA TO THE IDENTIFIED CLIENT 340

YES

350
ADDITIONAL
REQUEST
?

NO

END

FIG. 3

BEGIN

RECEIVE REQUEST FOR MEMORY OPERATION
INCLUDING CLIENT IDENTIFIER AND
ADDRESS

MEMORY OPERATION - READING SOFTWARE
STATE, MODIFYING SOFTWARE STATE, OR
REGISTERING THE SOFTWARE STATE FOR CALL
BACK AT A FUTURE TIME OR ACTION
ON THE SOFTWARE STATE 410

ISSUE MEMORY OPERATION OVER -- 420
A DATA PATH

DATA PATH - HW KERNEL LOOKUP
IN MEMORY MAP, MEMORY STORE

RECEIVE DATA OVER DATA PATH
WHEN AND IF APPROPRIATE TO THE
MEMORY OPERATION 430

RETURN DATA TO CLIENT TO TAKE
APPROPRIATE ACTION WHEN AND IF DATA RECEIVED
ACTION - INJECT STIMULUS
IN THE CO-SIMULATION, ETC. 440

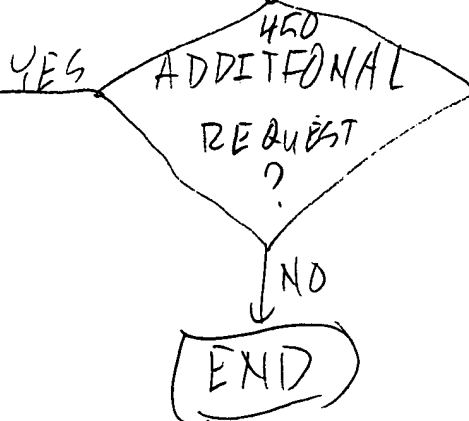
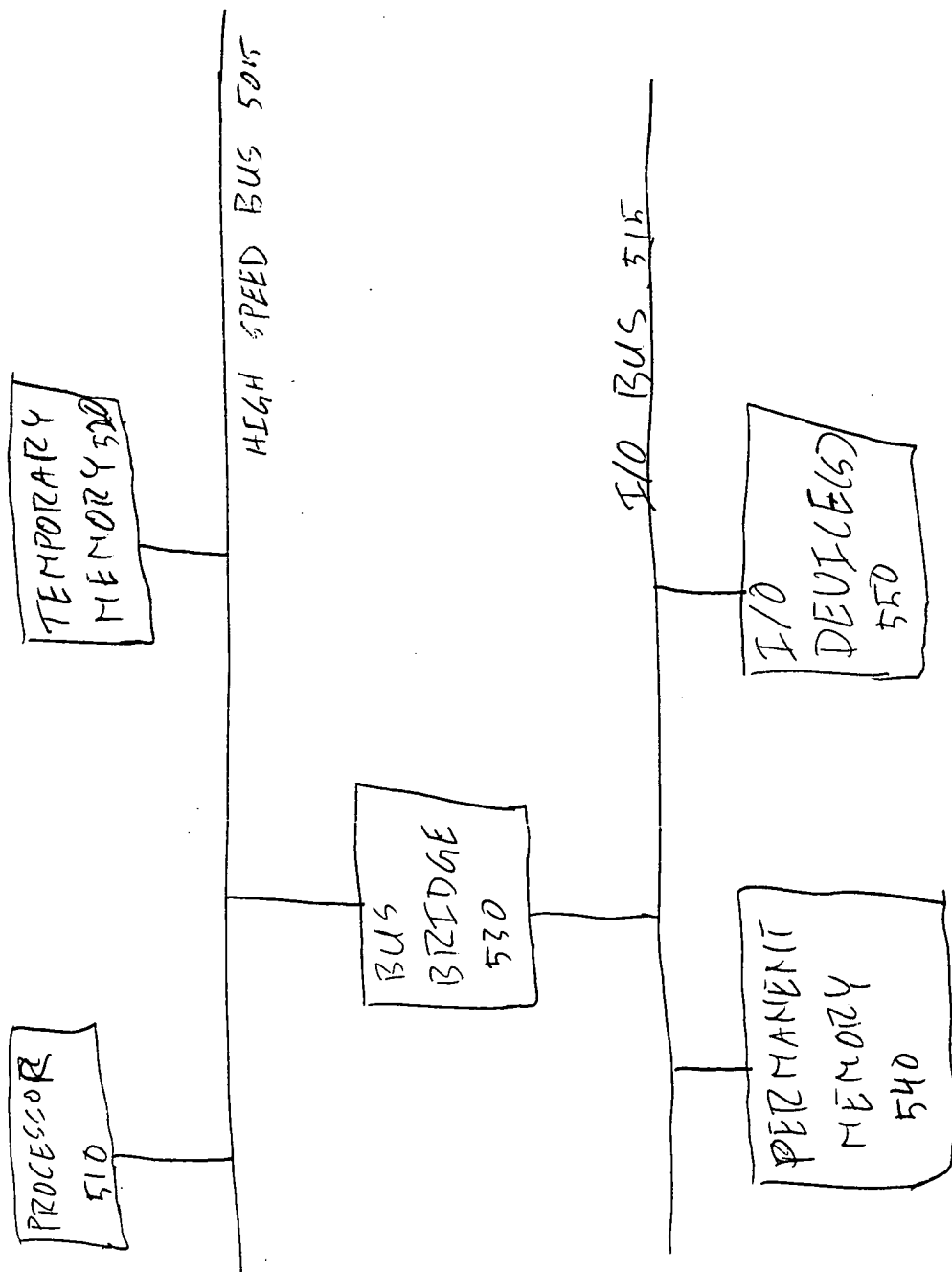


FIG. 4



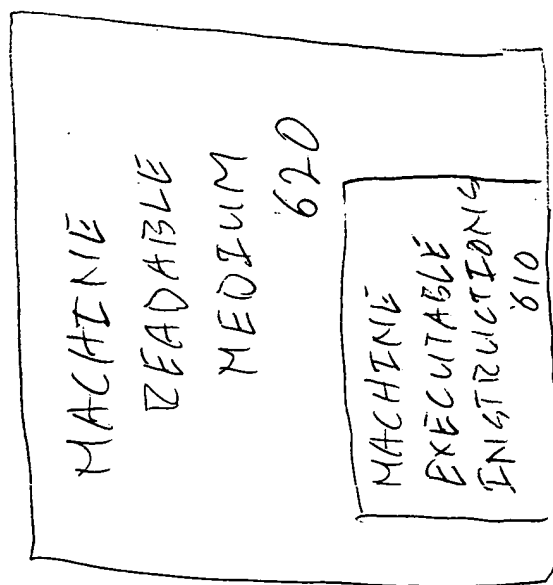


Fig. 6